

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION WIN-1423

Effective July 1, 2011

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**. This product shall be subject to reevaluation **July 2014**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

Series 1520 Aluminum Single Hung Windows, Non-impact Resistant, manufactured by:

Milgard Manufacturing, Inc.
1010 54th Avenue East
Tacoma, WA 98424
Telephone: (253) 896-7631

will be acceptable in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

PRODUCT DESCRIPTION

The Series 1520 window is an aluminum single hung window. The aluminum single hung windows evaluated in this report are individual, non-impact resistant windows. This product evaluation report is for aluminum single hung windows based on the following tested constructions:

General Description:

System	Description	Label Rating
1	Series 1520; Aluminum Single Hung Window; (O/X)	H-LC25 54 x 90

Product Dimensions:

System	Overall Size	Operable Sash Size
1	53 $\frac{1}{2}$ " x 89 $\frac{1}{2}$ "	52 $\frac{1}{8}$ " x 44 $\frac{1}{16}$ "

Product Identification: A certification program label (AAMA) will be affixed to the window. The certification program label includes the manufacturer's code name (**MG-1**); **Series 1520 SH**; performance characteristics; and approved inspection agency to indicate compliance with the requirements of AAMA/NWWDA 101/I.S.2/A440-05.

LIMITATIONS

Design pressures:

System	Maximum Width (in.)	Maximum Height (in.)	Design Pressures (psf)
1	54	90	± 25

Impact Resistance: These window assemblies do not satisfy the Texas Department of Insurance's criteria for protection from windborne debris. These window assemblies will need to be protected with an impact protective system when installed in areas where windborne debris protection is required.

Acceptance of Smaller Assemblies: Window assemblies with dimensions equal to or smaller than those specified above are acceptable within the limitations specified in this report.

INSTALLATION INSTRUCTIONS

General: The window assembly shall be installed in accordance with the manufacturer's installation instructions. Detailed installation instructions and drawings are available from the manufacturer.

Installation: The wall framing shall be minimum Douglas Fir-Larch dimension lumber. The window shall be fastened to the wall framing using the frame of the window with minimum No. 8 x 1 $\frac{5}{8}$ " screws. The screws are located at each corner and spaced approximately 16 inches on center around the perimeter of the window frame. The fasteners shall be long enough to penetrate a minimum of 1 $\frac{1}{2}$ inches into the wall framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.